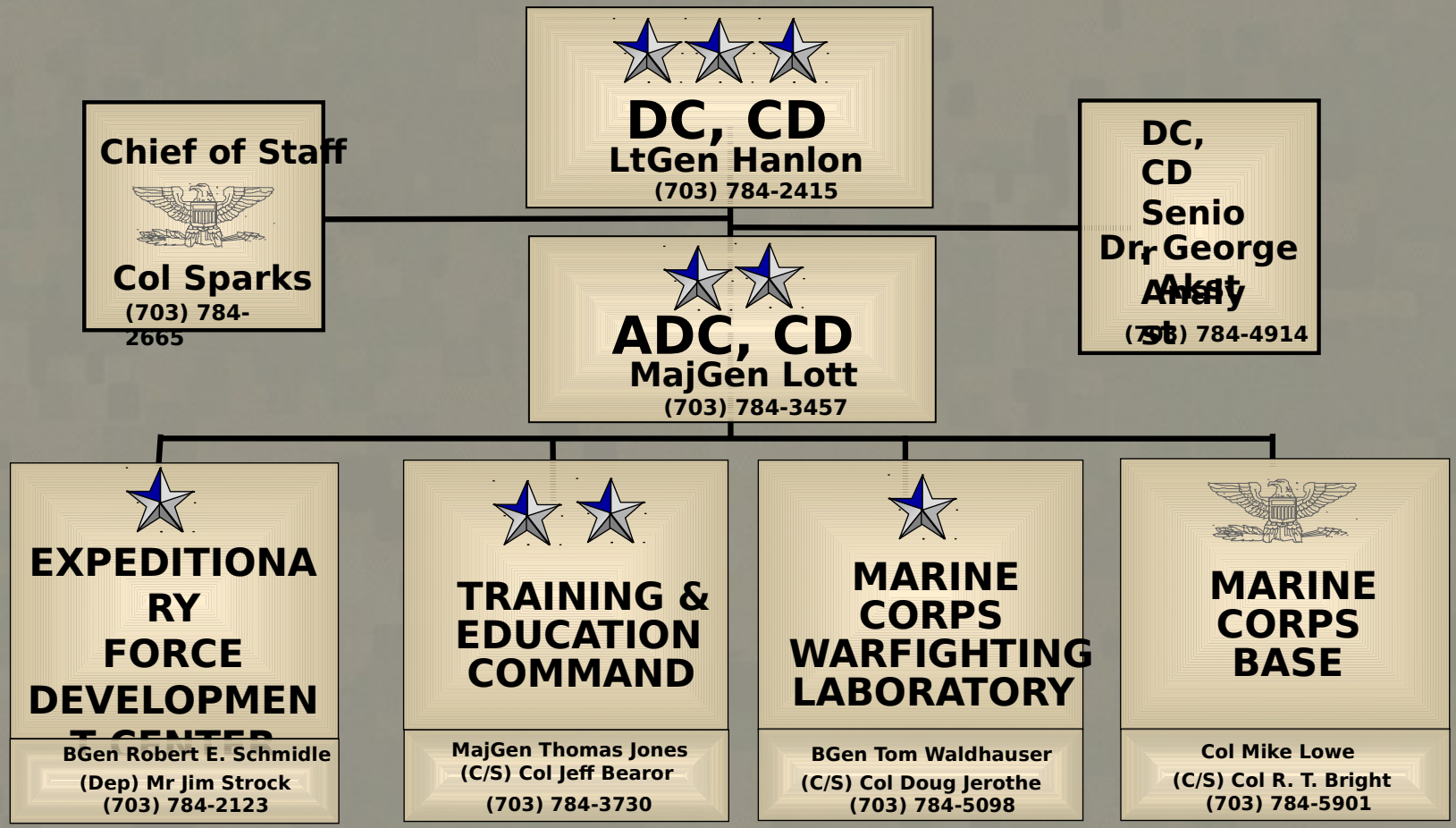
Expeditionary Force Development System

TO PROVIDE AN OVERVIEW OF THE EXPEDITIONARY FORCE DEVELOPMENT SYSTEM (EFDS)

TOPICS

- MCCDC & EFDC ORGANIZATION
- EFDS OVERVIEW
- WHAT IS EFDS
- EFDS KEY ORGANIZATIONS
- EFDS PHASES
- URGENT UNS PROCESS

MCCDC Organization



Expeditionary Force Development Center Organization

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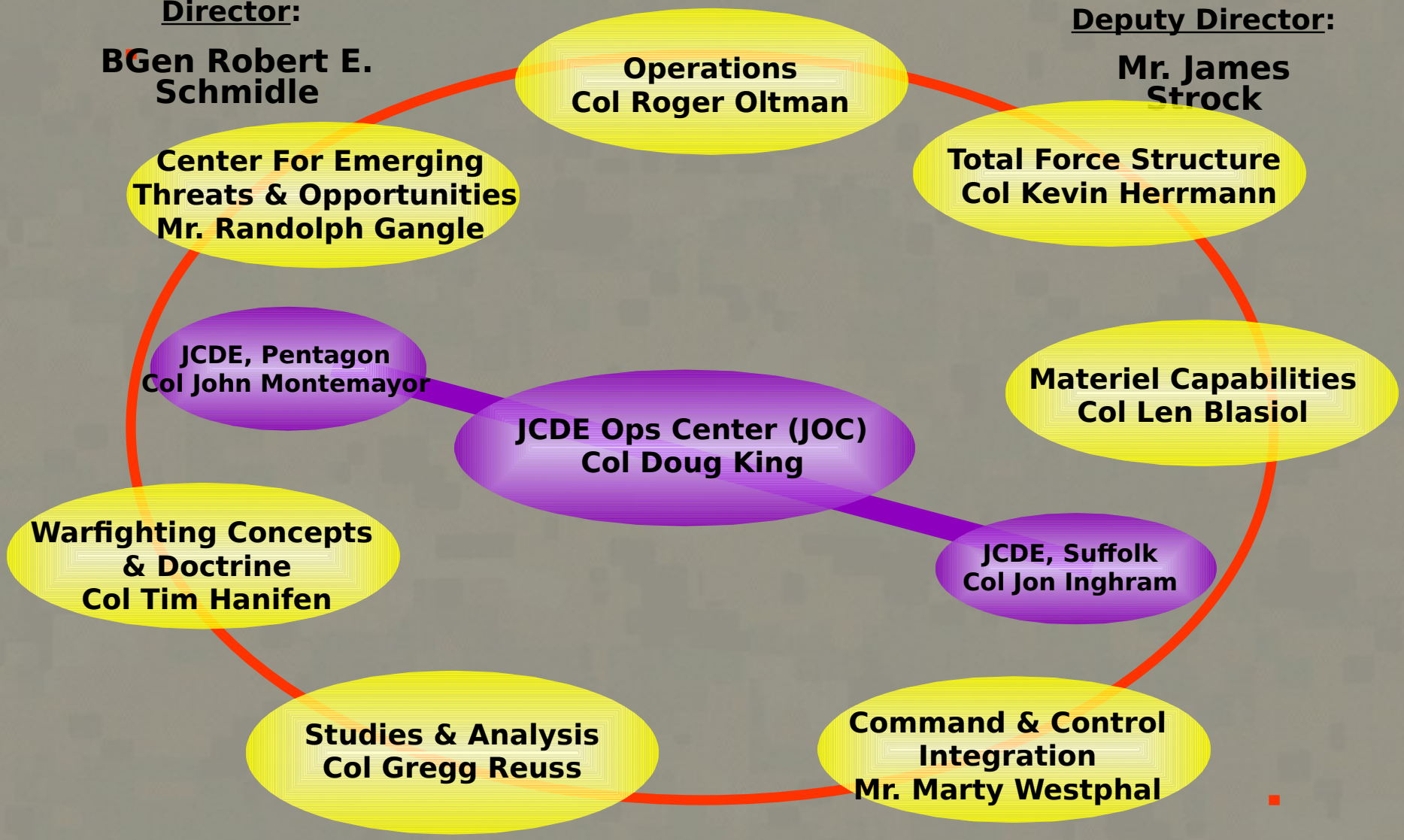


WHAT IS EFDS?

The Expeditionary Force Development System

Crossroads of the Corps…

DC,CD:

- **Integrates Joint and Naval Capabilities Development Systems with EFDS**
- **Linchpin in JROC and JCDE processes**
- **Synchronizes USMC w/Joint Battle rhythm**

JROC/JRB
ADC,CD

Advocates &
RCC, MARFOR

DC,CD

NCDP

USJFCOM J9
JCDE Office

Key Precepts

- **Focused on integration of USMC Expeditionary Force development with JCIDS, NCDP**
- **Integrates the efforts of the Advocates, HQMC, and DC,CD into a single voice.**
- **Responsive to the RCC's MARFORS, &**

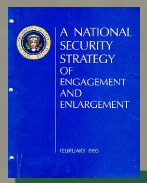
Joint Capabilities Integration & Development System (JCIDS)

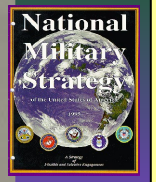
Functional Area Analysis

Functional Need Analysis

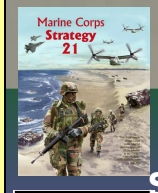
Functional Solution Analysis

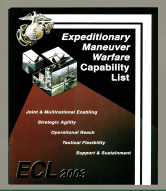
Independent Analysis





CONCEPTS





Operating Forces or Supporting Establishment

D O T M L P F

MROC

J8 - Gate Keeper

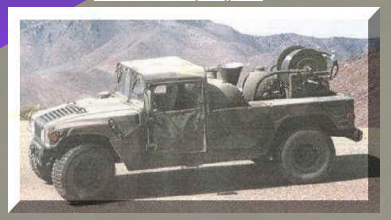
JROC

JROC Interest

Joint Integration

Independent

POM



Force Capability Analysis

Force Capability Development

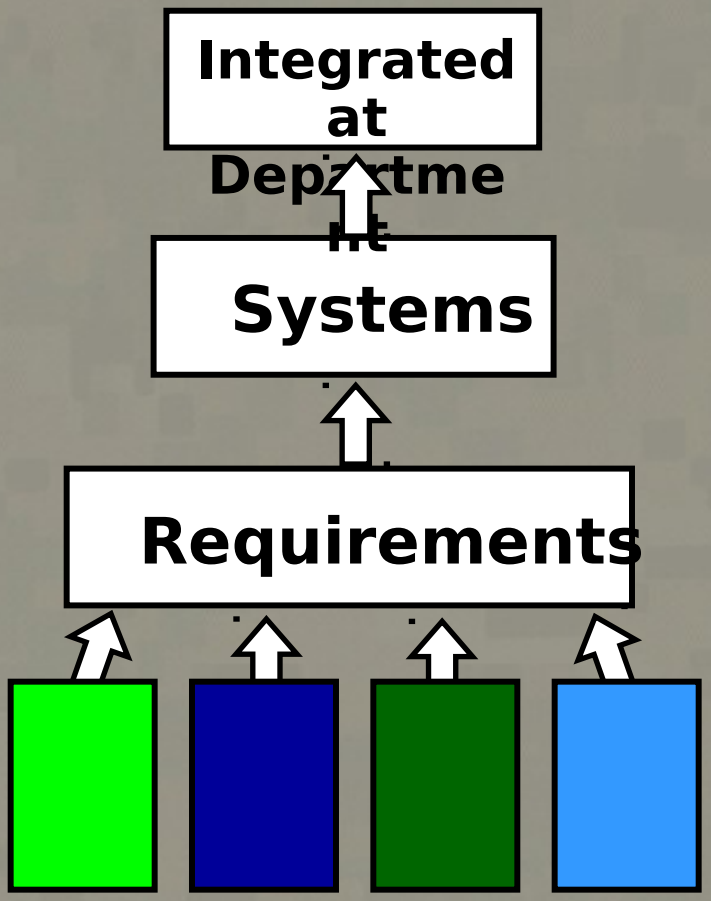
Prioritization & Resourcing

Capability Fielding & Transition

Expeditionary Force Development System (EFDS)

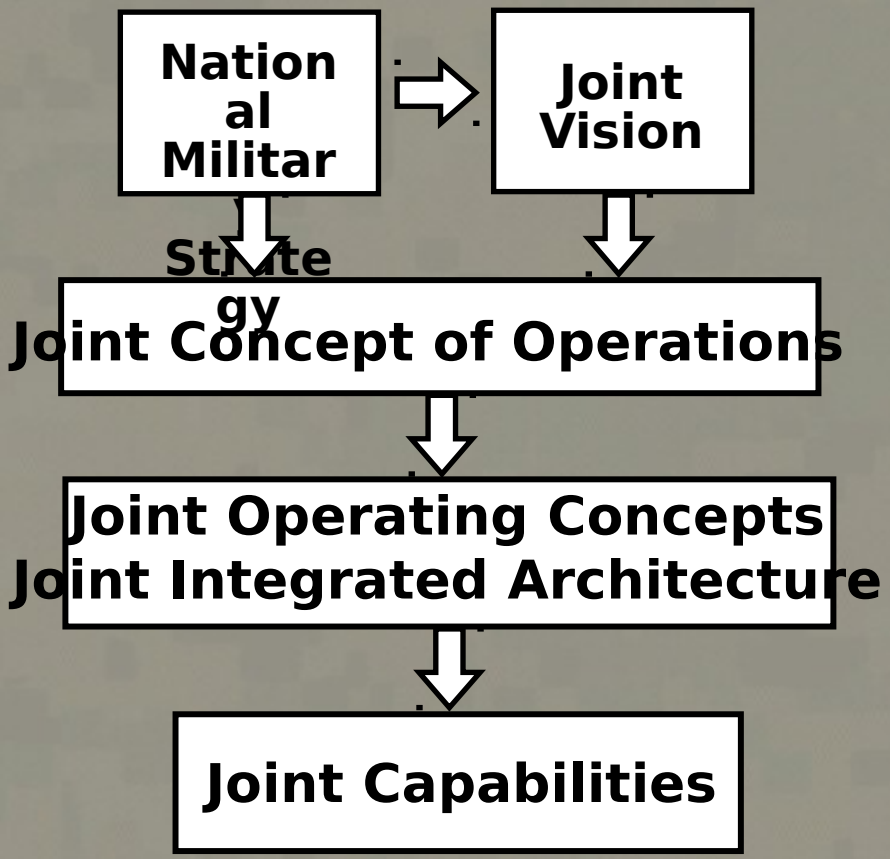
Old Combat Development vs. New EFDS Process

Requirements Generation System
CJCSI 3170.01B



Bottom up, stovepiped

Joint Capabilities Integration and Development System
CJCSI 3170.01D



Top Down, Born Joint

EFDS Process

- A four phased approach
- Emphasis on
  - Joint applicability from Joint Concept Development and Experimentation to the JROC
  - Top down approach, *"Born Joint"*
  - Robust Integration with U.S. Navy NCDP Pillars (Sea Strike, Shield, Seabasing etc) and more emphasis on development tracking
  - Early architecture application consistent with

KEY ORGANIZATIONS

Advocates

Provide increased communication and representation of operating force requirements and interests throughout the entire EFDS process.

HQMC
ACMC

Command Element DC, CD MCCDC, S&T

Ground Combat Element DC, PP&O CBIRF, MCSG/F

Aviation Combat Element DC, AVN

Combat Service Support DC, I&L Element

Supporting Establishment DC, I&L Installations, LOGCOM

Marine Corps Recruiting DC,

Marine Requirements Oversight Council

Review, prioritize, validate, capability docs, major force structure initiatives. Review and approve operational concepts and provide a venue for advocate and proponent input into policy decisions.

ACMC - CHAIR

DC, CD

DC, PP&O

DC, AVN

DC, I&L

DC, P&R *(EA)

DC, M&RA

CL*

JROC/JCIDS/EFDS Integration

Annual Cost to USMC:

Old JWCA - 1.25 man-year per

New FCB - 3.3 man-years per & growing

JROC-Gen Pace
Joint Requirements Oversight Counsel

Gen Nyland

JCB-VADM Willard
Joint Capabilities Board

MajGen Lott

Net Centric	Command & Control	Battlespace Awareness	Force Application	Force Protection	Force Management	Focused Logistics	Joint Training
RDML Brownj6	MGen Rogers J[illegible]M	RDML Murrette J2	MGen Scott J8	RDML Mathis J8	Ms Disbrow J8/DDFM	BGen Taylor J4	BGen Maffey
Col Rolaf	Col Montemayor	Mr. Silver	Col Webster	Col Webster	Col Schroeder	Mr. Linkowitz	Dr. Bailey
Net Centric	Command & Control	Battlespace Awareness	Force Application	Force Protection	Force Management	Focused Logistics	Joint Training
C4	MCCDC, C4I	Intel	AVN,PP&O, MCCDC		PP&O	I&L	TECOM

HQMC,MCCDC,SYSCOM, MROC, Advocates

EFDS PROCESS

PHASE I- FORCE CAPABILITY ANALYSIS

A NATIONAL SECURITY STRATEGY OF ENGAGEMENT AND ENLARGEMENT
National Military Strategy
Joint Vision 2020
Marine Corps Strategy 21

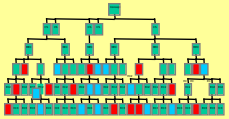
EMW Capability List (ECL) Development

Advocates/ EFDC conduct capability analysis of Joint and Strategic documents MC 21 and EMW to develop ECL

CMC Vision and Strategy is road mapped to develop MC Vision Objectives. Capability parameter development and metric valida

EFDC, S&A, MCWL conduct concept analysis and refinement through modeling, simulation, and live experimentation of ECL

Indicates capability parameters that are changed by metric application.



Indicates capability parameters that are changed by analysis and refinement.

JCIDS FUNCTIONAL AREA ANALYSIS | **JCIDS FUNCTIONAL NEEDS ANALYSIS**

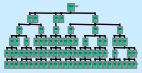
Mission Area Analysis (MAA), Wargaming, Operational Architecture, S&T Development, & Experimentation

Supports Advocate Decision Making Concerning Application of War Capabilities

Continuous Through All Phases of the EFDS

Advocate Vision Analysis and Campaign Plan Development

Advocates conduct capability analysis and feasibility assessment in order to develop and update their Campaign Plans addressing near, mid, and long term needs required to support the Advocate Vision Objective.



UNS Development

Advocates create UNS based on their Advocate Campaign Plans

UNS (Part Ia)

Universal Need Statement (UNS)

From Operating Forces or Supporting Establishment

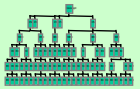
To Capability Development

JCIDS FUNCTIONAL NEEDS ANALYSIS

Warfighting Concepts

(drafted by EFDC and validated by MROC)

EMW Capability List



Marine Corps Experimentation Plan

Marine Corps Science and Technology Plan

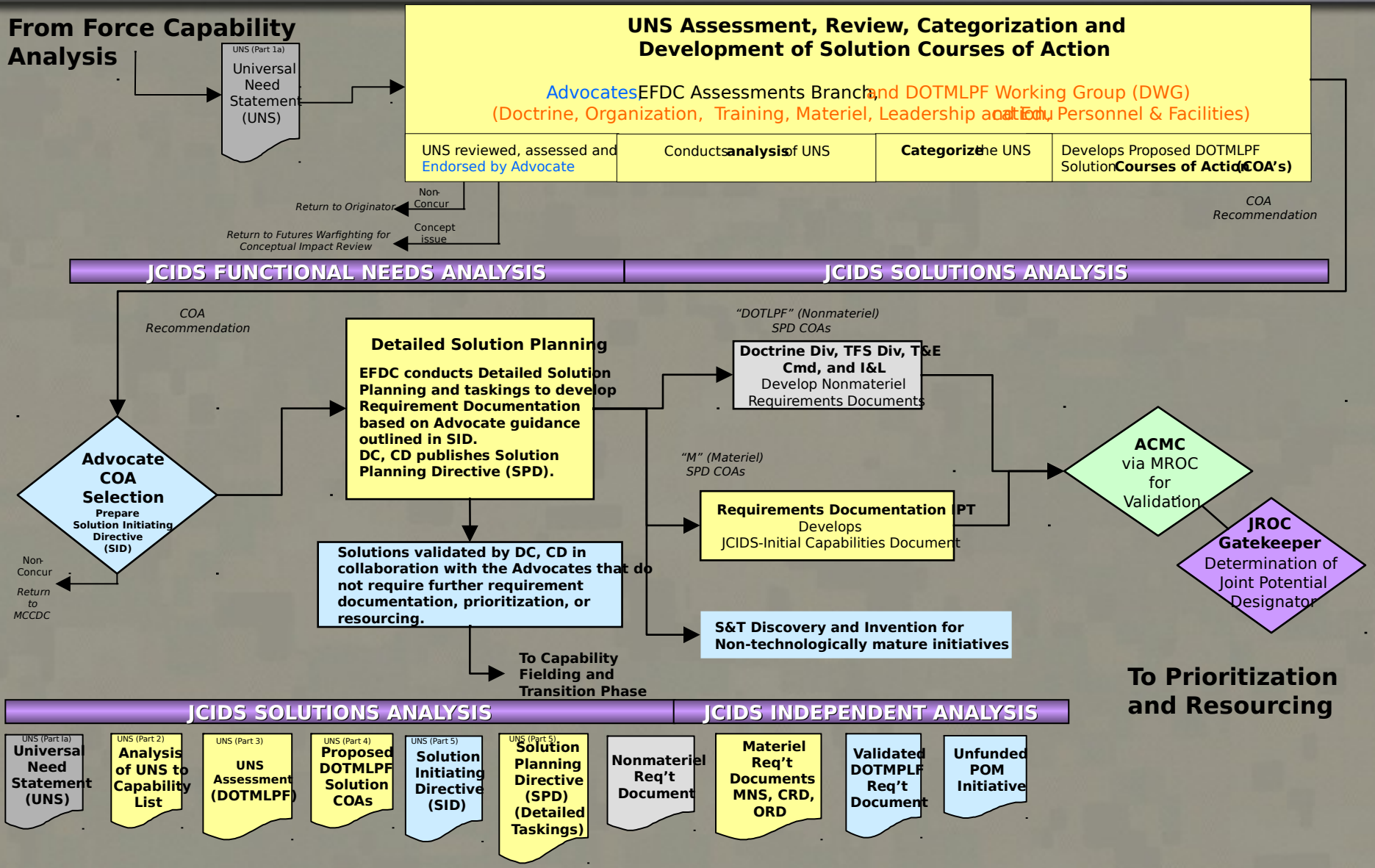
Advocate Campaign Plan

Advocate Requirement List (ARL)

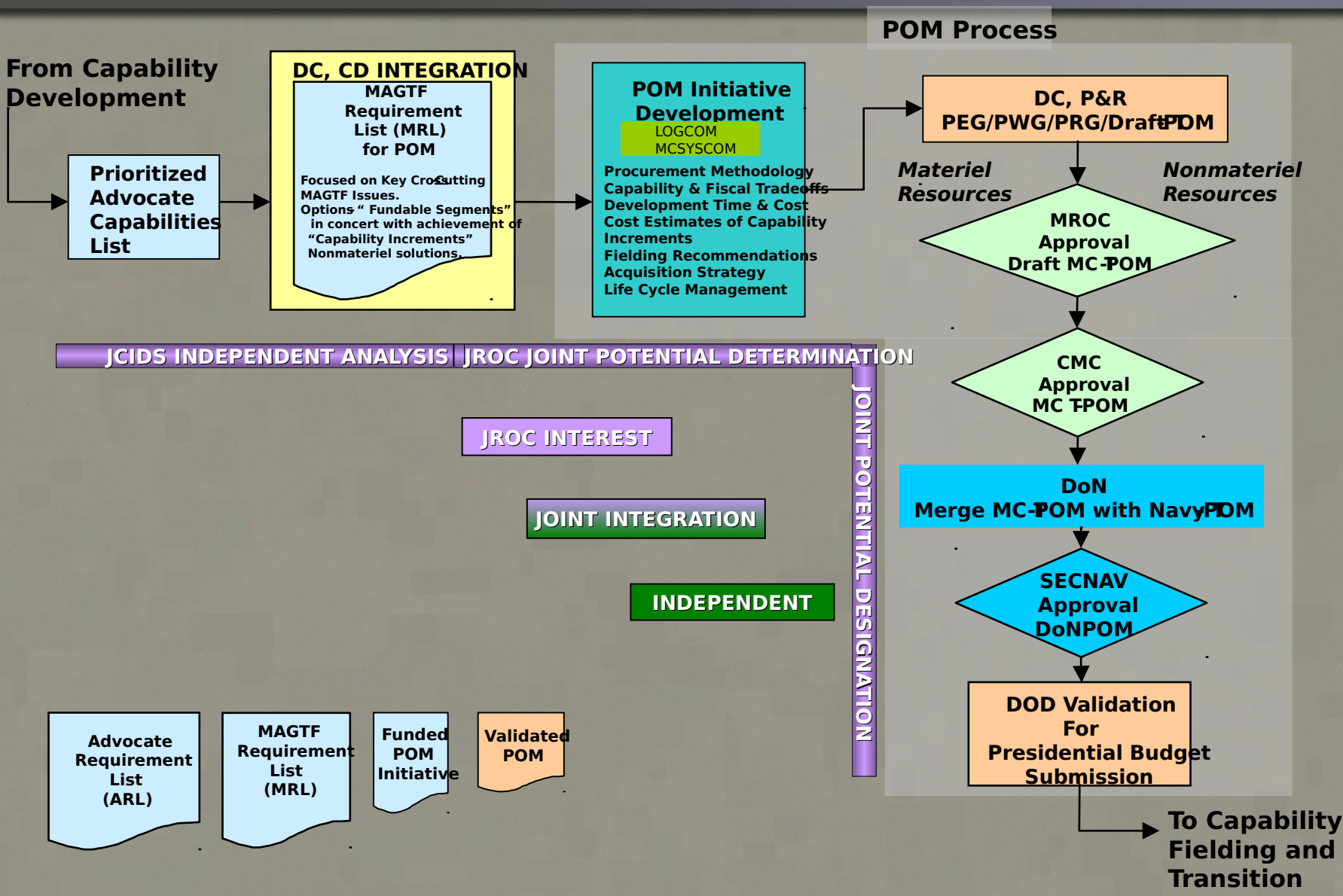
UNS (Part Ia)

Universal Need Statement (UNS)

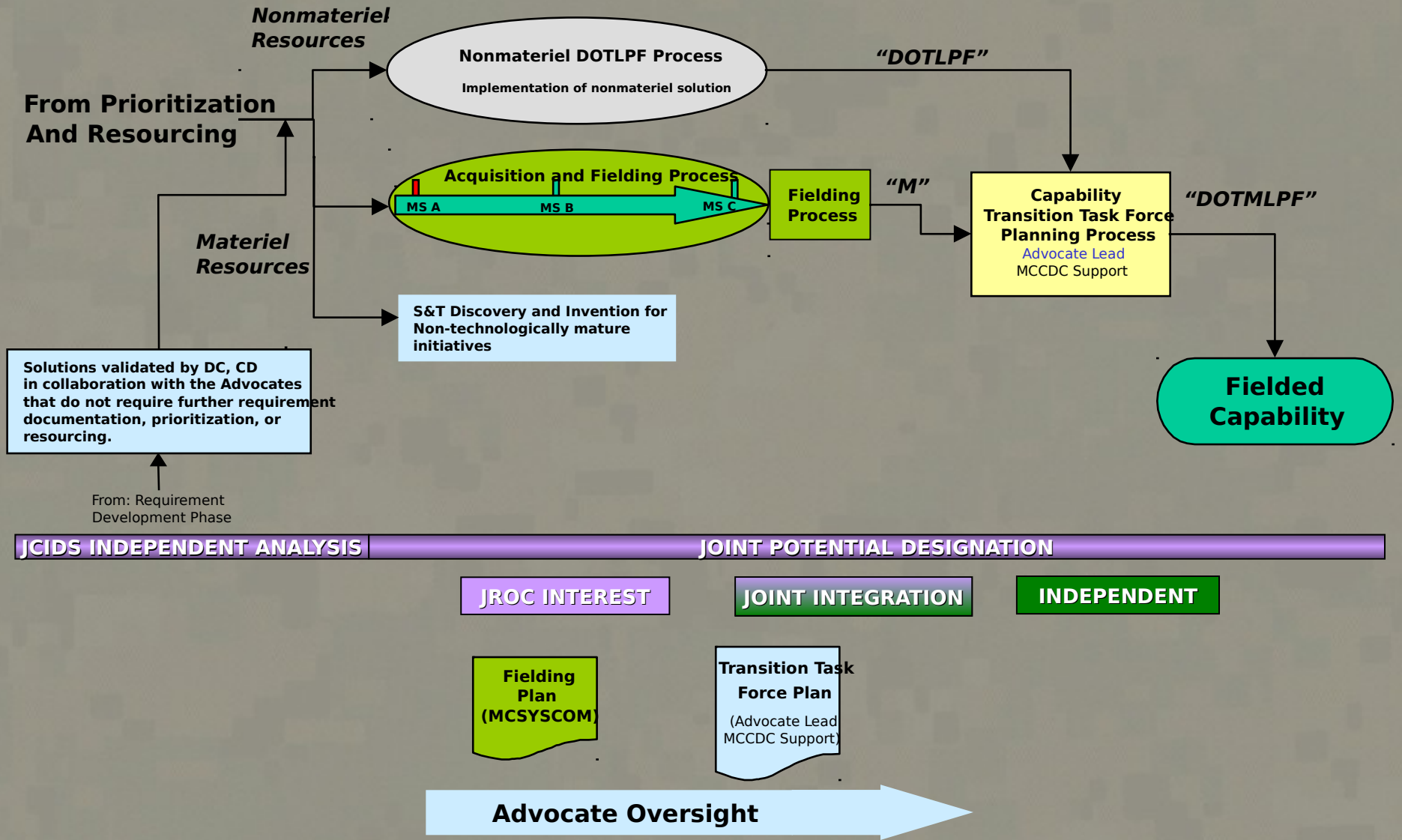
PHASE II -CAPABILITY DEVELOPMENT


From Force Capability Analysis
UNS (Part 1a)
Universal Need Statement (UNS)
UNS Assessment, Review, Categorization and Development of Solution Courses of Action
Advocates, EFDC Assessments Branch, and DOTMLPF Working Group (DWG)
(Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel & Facilities)
UNS reviewed, assessed and Endorsed by Advocate
Conducts analysis of UNS
Categorize the UNS
Develops Proposed DOTMLPF Solution Courses of Action (COA's)
Non-Concur
Return to Originator
Concept issue
Return to Futures Warfighting for Conceptual Impact Review
COA Recommendation
JCIDS FUNCTIONAL NEEDS ANALYSIS
JCIDS SOLUTIONS ANALYSIS
COA Recommendation
Detailed Solution Planning
EFDC conducts Detailed Solution Planning and taskings to develop Requirement Documentation based on Advocate guidance outlined in SID.
DC, CD publishes Solution Planning Directive (SPD).
"DOTLPF" (Nonmateriel) SPD COAs
Doctrine Div, TFS Div, T&E Cmd, and I&L
Develop Nonmateriel Requirements Documents
"M" (Materiel) SPD COAs
Requirements Documentation IPT
Develops JCIDS-Initial Capabilities Document
ACMC via MROC for Validation
JROC Gatekeeper
Determination of Joint Potential Designator
Advocate COA Selection
Prepare Solution Initiating Directive (SID)
Non-Concur
Return to MCCDC
Solutions validated by DC, CD in collaboration with the Advocates that do not require further requirement documentation, prioritization, or resourcing.
S&T Discovery and Invention for Non-technologically mature initiatives
To Capability Fielding and Transition Phase
To Prioritization and Resourcing
JCIDS SOLUTIONS ANALYSIS
JCIDS INDEPENDENT ANALYSIS
UNS (Part 1a) Universal Need Statement (UNS)
UNS (Part 2) Analysis of UNS to Capability List
UNS (Part 3) UNS Assessment (DOTMLPF)
UNS (Part 4) Proposed DOTMLPF Solution COAs
UNS (Part 5) Solution Initiating Directive (SID)
UNS (Part 5) Solution Planning Directive (SPD) (Detailed Taskings)
Nonmateriel Req't Document
Materiel Req't Documents MNS, CRD, ORD
Validated DOTMPLF Req't Document
Unfunded POM Initiative

PHASE III- PRIORITIZATION AND RESOURCING



PHASE IV- CAPABILITY FIELDING AND TRANSITION



URGENT UNS

- Urgent versus normal timeframes
- The Urgent UNS process works
- EFDS was responsive
- Worked over 130 Urgent UNS for OIF I and II, and OEF
- @Approx 500 Million reprogrammed or added
- Prioritization by MEF Commanders was key
- EFDC Marines at IMEF HQ proved to be very helpful to correct processing of UNS
- Advocates and SYSCOM roles are critical

UNS Products
Vehicle Hardening

Capability

- **Armor kits for vehicles**
- **Protection against small arms and Improvised Explosive Devices.**

Acquisition Strategy

- **Can field desired kit for about 40% of required vehicles by March.**
- **MCSC developed a temporary armor kit solution for the other 60% of vehicles, using ballistic steel, until additional regular armor kits are acquired.**

Status

- **Armor Kits**
  - **Shipping began 13 Feb for initial complement of regular armor kits.**
- **Temporary solution**
  - **Initial kits were ready to ship by 23 Feb**
  - **Final kits were ready to ship by 13 Mar.**

IN SUMMARY

- **EFDS IS FULLY COMPLIANT WITH JOINT PROCESS**
- **NUMEROUS CHANGES TO OUR PROCESS HAVE BEEN DRIVEN BY JOINT PROCESSES**
- **EVERYTHING IS NOW BORN JOINT**
- **IT'S NOW A LOT HARDER TO ESTABLISH A REQUIREMENT**
- **IT TAKES A LOT LONGER TO GET A REQUIREMENT APPROVED- SOMETIMES 30 BRIEFS WITHIN THE JCIDS PROCESS**
- **JOINT OVERSIGHT IS HERE TO STAY**

Questions?

Expeditionary Force Development System